

## Ordering information

QCE	2	G	OL	OP	2				
Quality Visual	Luminaire Width	Ceiling Type	Lamp Shield		Lamp Quantity	Lamp	Voltage	Ballast Type	Options
Recessed direct indirect soft light optical system	2'	G = Fits standard 15/16" T-grid or Slot T-grid ceilings	OL = Contoured Soft White Opal Lens		2 = 2 Lamp	28 = 28WT5 54 = 54WT5HO	UNV 347	<b>T5/T5HO</b> PG = Electronic Linear T5/T5HO Program Start (<10% THD) DA = Electronic T5, T5HO Program Start (<10% THD) Dali Digital Addressable Dimming VY = 2 lamp 28W T5 Electronic Step Dim Programmed Rapid Start (B.F.=0.95/0.35)  <b>For Dimming Ballast Suffix, please consult your Lightolier Representative.</b>	F = Internal Fusing (Canada) GLR = Internal Fusing (USA) FK92X4 = Drywall Kit for plaster frames EM* = TT5/T5/T5HO Emergency Lighting System (USA) E* = T5/T5HO Emergency Lighting System (Canada) QVS-HD = Alter Hold Down Clips (Std 15/16" only)  <b>*2x4 versions with double-switching are 5-1/4" deep while regular 2x4 versions (1 ballast) are 3-5/8" deep.</b>

### Lamp Shield Details

OP = One piece (no center slot) lamp shield

## Features

- Efficiencies up to 92.7%
- Seamless welded form: curved top and side reflectors are formed together without any gaps or visual barriers
- Shallow design, only 3-5/8" deep for easy installation in shallow plenum
- Painted after fabrication (PAF) luminaire
- New high performance contoured lens conceals lamp image providing balance between reflected and direct light
- Enclosed and sealed lens suited to most commercial, hospital and institutional applications. Prevents light leaks. Ideal for use in high dust/germ environments (not suitable for clean room applications and other locations requiring specially approved luminaires)
- No tools required to remove lens for easy relamping and maintenance
- Fully recessed luminaire and lamp compartment
- 95% Reflective Alter soft white paint finish
- One-piece body for easy installation
- Easy access to ballast through lamp compartment
- Can be row mounted
- Fits standard 15/16" T-Grid, Slot T-Grid or drywall ceilings

## Material

One piece chassis constructed from die formed 20 gauge cold rolled steel.  
**Reflectors** - 95% reflectance baked white acrylic matte paint finish.

## Finish

**Chassis exterior** - phosphate undercoating, baked white acrylic matte high reflectance paint finish.

## Electrical

Thermally protected class "P" ballast. If K.O.s are within 3" of ballast use wire suitable for at least 90C. Suitable for damp location.

## Labels

Listed by cCSAus.

### Job Information

### Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

Lightolier

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

© 2008 Philips Group • QCE2x40LOP.pdf

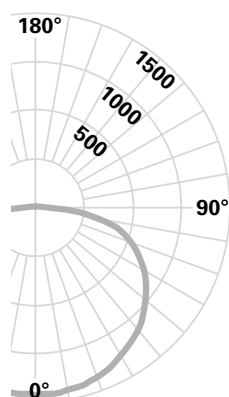
Canlyte

www.canlyte.com

3015 Louis-Amos, Lachine, Québec H8T 1C4 • (514) 636-0670 • (514) 636-0460

## Performance

### CANDLEPOWER CURVE 228



REPORT NO: LSCB889  
CAT. NO: QCE2GOLOP228UNVPG  
2 28W T5 Fluorescent Lamps at 2600 lumens.  
Efficiency: 92.7%  
Candela at Nadir: 1438cd

### CANDLEPOWER

ZONE DEG	ALONG	22.5	45	67.5	ACROSS
0	1438	1438	1438	1438	1438
5	1442	1433	1435	1432	1432
10	1421	1412	1425	1426	1419
15	1390	1386	1397	1410	1410
20	1333	1336	1363	1378	1382
25	1274	1281	1311	1345	1355
30	1207	1211	1262	1303	1317
35	1117	1140	1200	1257	1271
40	1026	1052	1128	1198	1226
45	924	954	1047	1133	1167
50	811	852	960	1065	1105
55	708	748	872	994	1033
60	591	647	780	908	960
65	484	543	689	820	876
70	375	443	596	733	779
75	270	342	496	626	668
80	166	245	367	445	465
85	68	132	174	196	199
90	0	0	0	0	0

### COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD \* EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

Room Cavity Ratio	80				70				50		
	Wall Reflectance				Wall Reflectance				Wall Reflectance		
	70	50	30	10	70	50	30	10	50	30	10
0	1.10	1.10	1.10	1.10	1.08	1.08	1.08	1.08	1.03	1.03	1.03
1	1.00	.96	.91	.88	.98	.94	.90	.86	.89	.86	.83
2	.91	.83	.76	.71	.88	.81	.75	.70	.78	.73	.68
3	.83	.72	.65	.59	.80	.71	.64	.58	.68	.62	.57
4	.75	.64	.56	.49	.73	.63	.55	.49	.60	.54	.48
5	.69	.56	.48	.41	.67	.55	.47	.41	.53	.46	.41
6	.63	.50	.42	.36	.61	.49	.41	.35	.47	.40	.35
7	.58	.45	.37	.31	.56	.44	.36	.30	.43	.35	.30
8	.53	.40	.32	.26	.52	.39	.32	.26	.38	.31	.26
9	.49	.36	.28	.23	.48	.36	.28	.23	.34	.27	.22
10	.46	.33	.25	.20	.45	.32	.25	.20	.31	.24	.20

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
LUMINAIRE INPUT WATTS = 61.5

### DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1136	21.86	23.58
0-40	1885	36.25	39.10
0-60	3470	66.74	71.98
0-90	4821	92.72	100.00
40-90	2936	56.47	60.90
60-90	1350	25.98	28.02
90-180	0	.00	.00
0-180	4821	92.72	100.00

## Lightolier

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
We reserve the right to change details of design, materials and finish.  
© 2008 Philips Group • QCE2x40LOP.pdf

www.lightolier.com

## Job Information

## Type:

## Canlyte

3015 Louis-Amos, Lachine, Québec H8T 1C4 • (514) 636-0670 • (514) 636-0460

www.canlyte.com